



SECTION THRU PIER - ON PILES

Scale: $\frac{3}{16}" = 1'-0"$

*2A or 6'-0", whichever is greater, with a maximum of 12'-0".

Notes:

1. Stack bags as required. Joints between bags in successive rows and tiers shall be staggered.
2. Refer to General Plan for any excavation requirements.
3. Place top bag flush with face of footing.
4. If on piles, place debonding material around piles with greater than 3'-0" exposure.
5. All bags shall be 1 ft. max. thick, 3 ft. max. wide, and 4 ft. max. length.
6. Remove debris before installation of bags.

FHWA APPROVAL
DATE:

APPROVAL	
<i>L. S. Friedman</i> DIRECTOR OFFICE OF BRIDGE DEVELOPMENT	
DATE: 11/6/96	
REVISIONS	
SHA	FHWA
8-5-08	

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF BRIDGE DEVELOPMENT

GROUT BAG SECTION
CASE WHERE SCOUR AND UNDERMINING
HAS OCCURED

STANDARD NO. BR-SR(0.09)-96-316

SHEET 3 OF 7

STRUCTURAL REPAIRS